

ICS 209 (Oil Spill) - Incident Status Summary										Version Name: 20191215							
Incident Name: South 4 Group Fire										Period: Period 14 [12/14/2019 06:00 - 12/17/2019 06:00]							
Spill Status (Estimated)										Equipment Resources							
Source Status		Remaining potential		151,740		Kind		Ordered	Available	Assigned	Out-Of-Service	Total Count					
SECURED		Rate of spillage		0 barrel(s)		Air Monitor - AreaRAE		0	0	31	0	31					
		Volumes measured in		barrel(s)		Air Monitor - MultiRAE		0	0	81	0	81					
		Since Last Report		Total		Air Monitor - UltraRAE		0	12	43	0	55					
Total Volume Spilled		0		999		Boom		0	1,001	12,500	0	13,501					
Mass Balance (Estimated)										Volumes in gallon(s)							
Recovered Material (Liquid)		15,000		76,500		Fire Fighting Foam		0	1,590	0	0	1,590					
Foam		0		1,320		Jon Boat		0	0	6	1	7					
Combusted Material (bbl)		0		48,970		Pumps		2	20	36	0	58					
Waste (Estimated)										Response Boat			0	0	3	0	3
Type		Recovered	Stored	Disposed	UOM	Skimmer		0	17	1	0	18					
Sorbent: Boom		12,120			Feet	Sorbent: Boom		0	50	8,350	0	8,400					
Debris		1,159			Bags	UTV		0	0	9	0	9					
Liquid		165,600			gallon (s)	Vacuum Truck		0	0	10	0	10					
Shoreline Impacts										Distances measured in mile(s)			Personnel Resources				
Degree of Oiling		Affected	Cleaned	Remaining to be Cleaned		Organization		People in the Field	People in Cmd. Post	Total People On Scene							
Wildlife Impacts										Other			9	0	9		
					Died In Facility		Federal			0	0	0					
Type	Captured	Cleaned	Released	DOA	Euth.	Other	State			1	1	2					
Fish Above 3"	0	0	0	68	0	0	Local			4	0	4					
Bird	0	0	0	0	0	0	RP			96	35	131					
Mammal	0	0	0	0	0	0	Contract Personnel			391	66	457					
Reptile	0	0	0	1	0	0	Volunteers			0	0	0					
2-3" Fish	0	0	0	2,000	0	0	Totals			501	102	603					
Blue Crab	0	0	0	18	0	0	Special Notes										
Safety Status										Active Fires: 1							
Type		Amount since last report		Total Amount		Notes:											
Public Injury		0		0		*Spilled material based on 98% destruction efficiency of the fire.											
Responder Injury		0		4													
Community Air Readings for all analytes		0		80,000													
BD - Community Air Detections above action level		0		240													
Community Air Monitoring readings for Butadiene				26,811													
VOC - Community Air Detections above action level		0		12													
Community Air Monitoring readings for VOC				27,065													
ICS 209 (Oil Spill) - Incident Status Summary										Prepared By Planning Section, Updated 12/15/2019 20:49 UTC -6: PP							
INCIDENT ACTION PLAN SOFTWARE™		Printed 12/15/2019 20:55 UTC -6:00				1 of 6			© TRG								

Daily Summary – TPC Port Neches South 4 Group Fire 12/15/2019

The waterway has now transitioned to Maintenance and Monitoring Mode

Shoreline Impacts	Assessed, miles	In Remediation, miles	Sign Off
No Oil Observed	4.96		4.96
Light Oil	1.05		1.05
SCAT Recommends No Further Treatment	2.58		2.58

Today's Activities

- DEHA was not injected into any tanks 12/15/2019.
- Surveys conducted using FLIR camera identified additional leaks. The leaks were located on lines associated with the following:

Tank Number/Equipment Type	Material in Tank	Component Involved	Repaired
39	Raffinate	Flange on line east of sphere 39	
40	Raffinate	Tubing valve	12/14/2019
36	High Butane Raffinate	Flange on tank	
33	High Butane Raffinate	Tubing fitting	
35	High Butane Raffinate	Tubing leak	
90 & 91	High Purity Butadiene	Common suction line leak	
26	Crude C4	Line leak, attempted repair with clamp	12/14/2019
30	Water and NMP Solvent	Tubing fitting	12/13/2019
219	MTBE	Vacuum Breaker	
2" Flange SE corner of block 10	Assumed BD	Flange	
6" valve at block 5 on 3 rd street	Raff	Valve	

- The FLIR survey revealed the low volume vapor leak from Tank 33, which is inaccessible for safety reasons, may be associated with a line located under the tank. The leak is ongoing and continues to be minor. The cribbing contractor and TPC Technical team are developing parallel plans for securing the tank and mitigating the leak after the tank is secured.
- The FLIR survey discovered a leak on a 3" pipe under the wooden stairs east of 39 tank. This is clarifying that the leak is ongoing and not on 39 tank as previously expected.
- The FLIR survey discovered a leak on a 6" valve on a Raff line at 3rd street near block 5. Attempt was made to fix the leak, but it was unsuccessful. A plan is being developed for repair tomorrow.
- The Outfall Canal remains in Monitoring and Maintenance mode. There was no discharge from Outfall 201, which remained .5 – 2 feet below the weir. Waxy floating material remaining at Pine street was removed in the morning and no other material noted.
- 216 hours without wildlife hotline calls. Wildlife Response personnel on call, no EOC presence.

Upcoming Activities

- Preparing for cribbing Tank 33 on 12/16. Continue to develop a plan for addressing Tank 33's stabilization and leak mitigation.

- Daily school air monitoring will continue 12/16 – 12/20. Monitoring of the schools will suspend during Holiday Break, but the area will continue to be monitored as part of the 1-mile radius Air Monitoring Plan.

Health and Safety

- No issues to report

Water Effluent

- Status of 201: No Flow, 2' below the weir
- GPM to JWWTP: 0 gpm

Water Testing:

- As of December 11, 2019, a total of 179 surface water samples have been collected at 20 different locations for VOCs, SVOCs, PAH, PFAS, TPH, TOC, oil and grease, ethylene glycol, and asbestos analysis. Results of these analyses are not representative of drinking water sources.
- As of December 11, 2019, 155 surface water sample results have been received for VOC analysis and 94 results received for asbestos analysis.
- There have been no exceedances of TCEQ Contact Recreation Water Protective Concentration Limit (PCL) screening levels for the surface water samples with available PCLs. Where no PCLs are available, results are being compared to background surface water samples.

Wildlife Report

- None

Recovery Operations

- Remaining material noted at Pine street removed in the morning.

SCAT Report

- Maintenance and Monitoring Plan is in effect.

Waste

Some analytical results were received for waste classification.

Gallons	Frac Tanks (20,000 gallons capacity)	# Of Tanks Used
170,000	Liquids from outfall canal skimming	9
10,000	Water and hydrocarbons from south separator	.5
30,000	Latex-laden Wastewater from LION	1.5
	Empty Available and Staged	7
210,000	Totals	18

CYD's	Potential Asbestos Containing Material (PACM)	# Of Boxes Used
12.5	Material from 201 outfall and south separator	0.5
30	Motiva (1-full, 1-in use)	2
6.25	Joint Waste Water	1
48.75	Totals	4

CYD's	Roll Off Boxes (25 CYD's capacity)	# Of Boxes Used
225	Hydrocarbon Debris and Sorbents From Canal	9
225	Totals	9

Empty available and staged (requested 4 more) 2

	Other	
	Routine Plant Trash (Garbage)	1
	Dirty Containment Boom waiting on decon	2

Community Air Monitoring

Asbestos Monitoring

Community

- Wipe samples: Zero of the 184 samples collected have been positive for asbestos
- Bulk Sampling: 96 of 234 samples tested positive for asbestos

Air Monitoring Sampling Results

Community

No analytical updates available at the time of this report.

Analytical	Detections	Samples Collected	Sample Stations
Volatile Organic Compounds (VOC)*	2*	407	44
Poly Aromatic Hydrocarbons (PAH)	None Detected	476	28
Asbestos	None Detected	687	44

2* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

Community Assessments

Refer to following pages.

Community Assessment Summary

2724

Count of Curbside
Assessments
Completed

575

Count of Properties
with Observed
Damage

300

Count of Properties
with Observed Debris

74

Count of Industrial
Debris Claims
Sampled

Community Assessment Summary - Jefferson

1391

Count of Curbside
Assessments
Completed

536

Count of Properties
with Observed
Damage

189

Count of Properties
with Observed Debris

58

Count of Industrial
Debris Claims
Sampled

Community Assessment Summary - Orange

1333

Count of Curbside
Assessments
Completed

39

Count of Properties
with Observed
Damage

111

Count of Properties
with Observed Debris

16

Count of Industrial
Debris Claims
Sampled

Completed Assessments Property Type Summary

Type	# of Properties
Church	9
Commercial/Business	39
Detached storage building.	1
Empty Lot	62
Industrial Facility	1
Library	1
Multi-family Residence	20
Other Public Area	3
Park	3
Single Family Home	2625
	2764